

Breezy Eco 160-E



Single-room heat recovery ventilator

- Power of electrical reheater: 160
- Air flow in heat recovery mode: 48
- Sound pressure level LpA at 3 m: 40
- Sound pressure level LpA at 1 m: 50
- Filter: G3
- Motor type: EC
- Reheater: Electric
- Control: Smartphone
- Casing material: ABS Plastic
- Temperature sensor

	Unit of measurement	Breezy Eco 160-E		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	220		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	3	5	8
Power of electrical reheater	W	160		
Unit current	A	0.93	0.94	0.95
Maximum airflow	m ³ /h			
Air flow in ventilation mode	m ³ /h	10	30	48
Air flow in heat recovery mode	m ³ /h	10	30	48
Sound pressure level LpA at 3 m	dB(A)	14	27	40
Sound pressure level LpA at 1 m	dB(A)	24	36	50
Heat recovery efficiency, max	%	90		
Heat exchanger material	-	Ceramic		
Filter	-	G3		
Transported air temperature (max)	°C	50		
Transported air temperature (min)	°C	-30		
Ambient air humidity max	%	70		
Ingress protection rating	-	IPX4		
ErP compliance	-	2016, 2018		

Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	77.2
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	37.9
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	15.5
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	Regenerative
Thermal efficiency of heat recovery	%	65
Maximum flow rate	m ³ /h	48
Electric power input	W	8
Reference flow rate	m ³ /s	0.01
Specific power input (SPI)	W/(m ³ /h)	0.2
Control typology	-	Local demand control
Maximum internal leakage rates	%	0.1
Maximum external leakage rates	%	0.9
Mixing rate	%	1
Airflow sensitivity at +20 Pa and -20 Pa	%	0.93
The indoor/outdoor air tightness	m ³ /h	7
Cold - The annual electricity consumption (AEC)	kWh/a	116
Average - The annual electricity consumption (AEC)	kWh/a	116
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	116
Cold - The annual heating saved (AHS)	kWh/a	80
The annual heating saved (AHS) Average	kWh/a	41
The annual heating saved (AHS) Warm	kWh/a	19
Sound power level	dB(A)	46
Declared typology	-	RVU BVU

Dimensions

ØD	L	L1
162	540	439

